



PATENT
Docket No.: 19226/2051 (R-5655)

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Thomas A. Szyperski) Examiner: Unknown
Serial No. : 09/897,583)
Cnfrm. No. : 1224) Art Unit:
Filed : June 29, 2001) 2862
For : **METHOD OF USING REDUCED)
DIMENSIONALITY NUCLEAR MAGNETIC)
RESONANCE SPECTROSCOPY FOR)
RAPID CHEMICAL SHIFT ASSIGNMENT)
AND SECONDARY STRUCTURE)
DETERMINATION OF PROTEINS)**

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§ 1.97-1.98

Commissioner for Patents
Washington, D.C. 20231
Box: Missing Parts

Dear Sir:

Pursuant to 37 CFR §§ 1.97-1.98, applicant hereby brings to the attention of the United States Patent and Trademark Office, the enclosed references listed on the attached PTO-1449 form.

Pursuant to 37 C.F.R. § 1.97(b)(3), no fee is required. If additional fees are required, however, the Commissioner is hereby authorized to charge any fees to Deposit Account No. 14-1138.

Respectfully submitted,

Date: October 3, 2001

Michael L. Goldman
Michael L. Goldman
Registration No. 30,727

NIXON PEABODY LLP
Clinton Square, P.O. Box 31051
Rochester, New York 14603
Telephone: (716) 263-1304
Facsimile: (716) 263-1600

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on the date below.

Oct. 4, 2001 | *Ruth R. Smith*
Date Ruth R. Smith

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 19226/2051 (R-5655)	SERIAL NO. 09/897,583
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			
(use several sheets if necessary)			
(PTO-1449) OCT 09 2001	P E J S PATENT & TRADEMARK OFFICE		
APPLICANT Thomas A. Szyperski		FILING DATE June 29, 2001	
		GROUP ART UNIT 2862	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION IF APPROPRIATE

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

		1	Szyperski et al., "Reduced Dimensionality in Triple-Resonance NMR Experiments," <u>J. Am. Chem. Soc.</u> , 115:9307-9308 (1993)
		2	Szyperski et al., "3D ¹³ C- ¹⁵ N-Heteronuclear Two-Spin Coherence Spectroscopy for Polypeptide Backbone Assignments in ¹³ C- ¹⁵ N-Double-Labeled Proteins," <u>J. Biomol. NMR</u> , 3:127-132 (1993)
	✓	3	Szyperski et al., 3D <u>H</u> ^{a/b} <u>C</u> ^{a/b} (CO)NHN, a Projected 4D NMR Experiment for Sequential Correlation of Polypeptide ¹ H ^{a/b} , ¹³ C ^{a/b} and Backbone ¹⁵ N and ¹ H ^b Chemical Shifts," <u>J. Magn. Reson.</u> , B105:188-191 (1994)
		4	Szyperski et al., "A Novel Reduced-Dimensionality Triple-Resonance Experiment for Efficient Polypeptide Backbone Assignment, 3D <u>CO</u> <u>HN</u> <u>N</u> <u>CA</u> ," <u>J. Magn. Reson.</u> , B108:197-203 (1995)
	✓	5	Szyperski et al., "Useful Information from Axial Peak Magnetization in Projected NMR Experiments," <u>J. Am. Chem. Soc.</u> , 118:8146-8147 (1996)
		6	Szyperski et al., "Two-Dimensional <i>c/t</i> - <u>HC(C)H-COSY</u> for Resonance Assignments of Smaller ¹³ C-Labeled Biomolecules," <u>J. Magn. Reson.</u> , 128:228-232 (1997)
	✓	7	Szyperski et al., "Sequential Resonance Assignment of Medium-Sized ¹⁵ N/ ¹³ C-Labeled Proteins with Projected 4D Triple Resonance NMR Experiments," <u>J. Biomol. NMR</u> , 11:387-405 (1998)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.